



京程科技股份有限公司/JM Material Technology, Inc
桃園市龜山區民生北路 1 段 40-2 號 5 樓之 3



FINAL REPORT

VIRUCIDAL EFFICACY SUSPENSION TEST –
SARS-associated Coronavirus (SARS-CoV)

Test Substance

Nanocomposite Material (JM-TTA01)

Lot Number

N/A

Test Organism

SARS-associated Coronavirus, Strain: CDC 200300592, source: ZeptoMetrix/CDC

Author

Cameron Wilde

Study Completion Date

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Performing Laboratory

Microbac Laboratories, Inc.

105 Carpenter Drive

Sterling, VA 20164, USA

Laboratory Project Identification Number

852-103

Protocol Identification Number

852.1a.03.16.20

Sponsor

JM Material Technology Inc.

O. 5F.-3, No. 40-2, Sec. 1, Minsheng N. Rd.

Guishan Township, Taoyuan County 333

Taiwan (R.O.C.)



RESULTS (continued)

Table 2
Neutralizer Effectiveness/Viral Interference (NEVI) and Cytotoxicity (CT) Controls

Dilution*	NEVI	CT
10 ⁻¹	Cytotoxicity observed in all inoculated wells	Cytotoxicity observed in all inoculated wells
10 ⁻²	Cytotoxicity observed in all inoculated wells	Cytotoxicity observed in all inoculated wells
10 ⁻³	virus detected in all inoculated wells	no virus detected in all inoculated wells

* Dilution refers to the fold of the dilution from the neutralized sample.

Table 3
Viral Reduction

Test Substance	Contact Time	Replicate	Initial Load (Log ₁₀ TCID ₅₀)*	Output Load (Log ₁₀ TCID ₅₀)	Log ₁₀ Reduction
Nanocomposite Material (JM-TTA01)	20 minutes	Rep 1	7.28	≤ 3.61	≥ 3.67

CONCLUSIONS

When tested as described, Nanocomposite Material (JM-TTA01) was evaluated for its ability to inactivate SARS-associated Coronavirus. The results are presented in Tables 1 – 3.

All of the controls met the criteria for a valid test. These conclusions are based on observed data.